

## *HUMIDITY METER LUTRON*

*Model:HT-3005HA*



### **Features:**

- Humidity measurement uses a high precision thin-film capacitance sensor for fast response, not depending on air passing the probe.
- Separate humidity & Temp, probe, easy operation.
- Thermistor sensor for Temp, measurement, fast response time & high precision.
- Microprocessor circuit assures high accuracy and provides various functions and features.
- Super large LCD display.
- Dual display show RH & Temp, value at the same time.
- Record Maximum, Minimum and Average readings with RECALL.
- Data hold.
- Auto shut off saves battery life.
- Powered by 006P DC 9V battery.
- Build in temperature °C, °F measurement.
- Use the durable, long-lasting components, including a strong, light weight ABS-plastic housing case.

## Specifications:

### General Specifications

Circuit	Custom one—chip of microprocessor LSI circuit.
Display	Dual function meter's display. 13 mm (0.5"), super large LCD display.
Measurement	R.H.(Relative Humidity), Temperature ( °C & °F).
Sensor	Humidity Precise capacitance sensor.
	Temp.  Thermistor
Memory Recall	Records Maximum, Minimum and Average readings with RECALL.
Power Off	Manual off by push button or Auto shut off after 10 minutes(Not available in memory record function).
Sampling Time	Approx. 0.8 seconds.
Over Input Indication	Indication of "-----".
Operating Temperature	Main instrument — 0 °C to 50 °C. Probe - 0 to 60 °C.
Operating Humidity	Max. 90% RH. — Main instrument only.
Power Supply	006P DC 9V battery (Heavy duty type).
Power Current	Approx. DC 8.5 mA
Weight	345 g/0.76 LB (included batteries & probe)
Size	Main instrument: 180 x 75 x 37 mm.
	Sensor Head: Sensor Probe: Round 20 mm Dia x 200 mm.
Accessories	Instruction manual..... 1 PC. Sensor probe ..... 1 PC. Carrying case.....1 PC.
Optional Accessories	33% RH HUMIDITY CALIBRATPR Model: RHA-33
	75% RH HUMIDITY CALIBRATPR Model: RHA-75

## Electrical Specifications ( $23 \pm 5 \text{ }^\circ\text{C}$ )

Range	Humidity 10% to 95% RH.
	Temp. 0 to 50 $^\circ\text{C}$ /32 to 122 $^\circ\text{F}$
Resolution	Humidity 0.1% RH.
	Temp. 0.1 $^\circ\text{C}$ /0.1 $^\circ\text{F}$ .
Accuracy	Humidity $\geq 70\% \text{ RH} - \pm (3\% \text{ reading} + 1\% \text{ RH})$ . $< 70\% \text{ RH} - \pm 3\% \text{ RH}$ . * after calibration
	Temperature $^\circ\text{C} - \pm 0.8^\circ\text{C}$ . $^\circ\text{F} - \pm 1.5^\circ\text{F}$ .
Remark: RH — relative humidity	

*Made in Taiwan*